

Arboviral Surveillance Report

August 7, 2018

Surveillance

This report provides data on week 31 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. 82 gravid and BG sentinel traps were placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. Twenty-seven (27) mosquito pools tested positive for WNV within our collections in Chicago.

Mosquitoes (data from 82 traps)

Week 31 (07/29/18 – 08/04/18)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	1,405
Number of Pools Tested	129
Number of Pools Positive	27
Number of Community Areas with Positive Mosquito Pools	13
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,302
Number of Female <i>Culex</i> Trapped and Tested	11,995
Number of Pools Tested	968
Number of Pools Positive	105
Number of Community Areas with Positive Mosquito Pools	23

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Ashburn, Austin, Avondale, Belmont Cragin, Chicago Lawn, Dunning, East Garfield Park, Edison Park, Forest Glen, Hegewisch, Lincoln Square, New City, O'Hare, Portage Park, Riverdale, South Chicago, South Deering, South Lawndale, Washington Heights, West Lawn, West Pullman, West Town

Dead Birds: To date, 7 dead birds have been collected; 2 were negative, 2 were unable to be tested, and test results for the remaining 3 are pending

***Aedes albopictus* (cumulative):** 83 females and 40 males

Humans: 0-Additional testing done by the CDC determined that the individual previously reported as positive had prior WNV infection, with no conclusive evidence of recent infection.

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is moderate.

Larval and Adult Mosquito Control Efforts

Surveillance crews are monitoring catch basins for the remainder of the summer to assess the level of control.